2020 JUL - 1 PM 2: 48

### **2019 CERTIFICATION**

Consumer Confidence Report (CCR)

#### Ethel Rural Water Association

Public Water System Name

MS 0040003

List PWS ID #s for all Community Water Systems included in this CCR

The Federal Safe Drinking Water Act (SDWA) requires each Community Public Water System (PWS) to develop and distribute

a Consumer Confidence Report (CCR) to its customers each year. Depending on the population served by the PWS, this CCR

must be mailed or delivered to the customers, published in a newspaper of local circulation, or provided to the customers upon request. Make sure you follow the proper procedures when distributing the CCR. You must email, fax (but not preferred) or mail, a copy of the CCR and Certification to the MSDH. Please check all boxes that apply. Customers were informed of availability of CCR by: (Attach copy of publication, water bill or other) Advertisement in local paper (Attach copy of advertisement) ☐ On water bills (Attach copy of bill) ☐ Email message (Email the message to the address below)  $\Box$ Date(s) customers were informed: <u>\( \frac{1}{2} \) / 2020 / 2020 / 2020</u> CCR was distributed by U.S. Postal Service or other direct delivery. Must specify other direct delivery methods used Date Mailed/Distributed:\_\_\_\_/\_\_/ CCR was distributed by Email (Email MSDH a copy)

Date Emailed: / / 2020 П ☐ As a URL (Provide Direct URL) ☐ As an attachment ☐ As text within the body of the email message CCR was published in local newspaper. (Attach copy of published CCR or proof of publication) Name of Newspaper: The Star Herald Date Published: 6 / 18 / 2020 Date Posted: / / 2020 CCR was posted in public places. (Attach list of locations) CCR was posted on a publicly accessible internet site at the following address: \_\_\_\_\_(Provide Direct URL) I hereby certify that the CCR has been distributed to the customers of this public water system in the form and manner identified above and that I used distribution methods allowed by the SDWA. I further certify that the information included in this CCR is true and correct and is consistent with the water quality monitoring data provided to the PWS officials by the Mississippi State Department

**Submission options** (Select one method ONLY)

Mail: (U.S. Postal Service) MSDH, Bureau of Public Water Supply P.O. Box 1700 Jackson, MS 39215

Name/Title (Board President, Mayor, Owner, Admin. Contact, etc.)

of Health, Bureau of Public Water Supply

Email: water.reports@msdh.ms.gov

Fax: (601) 576 - 7800

\*\*Not a preferred method due to poor clarity \*\*

CCR Deadline to MSDH & Customers by July 1, 2020!

## Annual Drinking Water Quality Report Ethel Rural Water Association PWS ID # 0040003 May 2020

We're pleased to present to you this year's Annual Water Quality Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source consists of 2 wells that draw from the Lower Wilcox Aquifer.

A source water assessment has been completed for the water supply to determine the overall susceptibility of its drinking water to identify potential sources of contamination. The water supply for Ethel Rural Water Association received a lower susceptibility ranking to contamination.

We're pleased to report that our drinking water meets all federal and state requirements.

If you have any questions about this report or concerning your water utility, please contact Galen Shumaker at 662-674-5353. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the 2<sup>nd</sup> Friday of each month at the Ethel Rural Water Association office at 9:00 am.

Ethel Rural Water Association routinely monitors for constituents in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2019. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Treatment Technique (TT) - A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

Maximum Contaminant Level - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

				TEST RE	SULTS	20	20 JUL - I	PM 2: 47
Contaminant	Contaminant Violation Date Level Y/N Collected Detected		Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination	
Inorganic Co	ntaminar	nts						
10. Barium	N	2018*	0.329	No Range	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2018*	3.2	No Range	Ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	1/1/17 to 12/31/19	0.6	None	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
17. Lead	N	1/1/17 to 12/31/19	2	None	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
19. Nitrate (as Nitrogen)	N	2019	0.1	None	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Disinfectants	& Disin	fectant B	y-Produc	ets				
Chlorine (as Cl2)	N	1/1/19 to 12/31/19	1.70	0.54 to 2.20	ppm	4	4	Water additive used to control microbes
73. TTHM [Total trihalomethanes]	N	2019	5.0	No Range	chlorination		By-product of drinking water chlorination	
HAA5	N	2019	6.0	No Range	ppb	0	60	By-product of drinking water chlorination
Unregulated	Contam	inants						
Sodium	N	2019	50000	48000 to 50000	ppb	0	250000	Road salt, water treatment chemicals, water softeners and sewage effluents

#### Additional Information for Lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Ethel Rural Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing for \$10 per sample. Please contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ

<sup>\*</sup> Most recent sample results available

transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

Please call our office if you have questions.

2020 JUL - | PM 2: 48

Date: June 18, 2020

To: Ethel Rural Water Association PO Box 35 Ethel, Mississippi 39067

For publication of described notice, copy of which is attached.

Ad Size 3 columns x 12" Times 1 and making 2 proofs, \$357.00

Payment received from \_\_\_

(Clerk)

The Star-Herald 207 North Madison St. Kosciusko, MS 39090

allrue.

#### PROOF OF PUBLICATION

#### STATE OF MISSISSIPPI COUNTY OF ATTALA

Personally came before me, the undersigned, a NOTARY PUBLIC in and for Attala County, Mississippi, the CLERK of The Star-Herald, a newspaper published in the City of Kosciusko, Attala County, in said state, who, being duly sworn deposes and says that The Star-Herald is a newspaper as defined and described in Senate Bill No. 203 enacted at the regular session of the Mississippi Legislature of 1948, amended Section 1858, of the Mississippi Code of 1942, and that the publication of a notice, of which the annexed is a copy, in the matter of **Water CCR**, has been published in said newspaper I times to-wit:

On the 18th day of June, 2020

Laurie White (Clerk)

SWORN TO AND SUBSCRIBED before me, this <u>25</u>

day of

2020

(Notary Public)

Annual Drinking Water Quality Report Ethel Rural Water Association PWS ID # 0040003

2020 JUL - I PH 2: 48

Wo're pleased to present to you this year's Anmail Water Quality Roport. This report is designed to inform you about the quality water and services we deliver to you every day. Our containst goal is to provide you with a nate and dependable supply of drinking water. We want you to understand the efforts we make no continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source sensits of 2 wells that draw from the Lower Wilcox Aquifer.

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I			0	TEST RESULTS	SULTS		No.	SC TON THE PARTY OF THE PARTY O
Contembani	N/N	Collocted	Detected	Rango of Deutos or 4 of Samples Depending	Measurement	MOLD	MG	Likely Singra of Consequences
Inorganic Contaminants	uninn	nts		Sales of the sales	7	0000		
10. Banum	×	2018*	0 329	No Range	Ppm Ppm	**		Declarys of delibra wastes; disubacys from mand refractor,
um.	2	20,18*	3.2	No Range	Ppb	100	001	Discharge from seel and pulp
4 Coppe	2	12/37/19	0.6	None	шди	7	Cl-JY	Correstor of household plumbing systems; eroston of natural deposits; leaching from wood preservatives.
7. Lend	z	12/31/19	•	None	qdd	0	AL=15	Corrosion of household plumbling systems, erostan of material deposits
Nitrogen)	/_	2019	1.0	None	mdd	10	01	Hunoff from fertilizer noc. leadthing from exprintance, servages erosion of natural decounts.
Disinfectants & Disinfectant By-Products	Disin	fectant By	-Produc	13			100	
Ohiteme (se CI2)	z	12/31/19	1.70	0.54 to 2.40	mdd:	+	*	Waller additive used su control microbes
Truck [Total inhalomethanes]	z	2019	2.0	No Range	qdd	0	90	By-product of drinking water chloringion
HAAS	2	2010	9.9	Ne Kange	ada	0	09	By-product of drinking water chloridation
Unregulated Contaminants	ntami	nants		1		1000		
Sodium	2	2016	\$6000	46000 to 50000	qód	ó	330000	Road wall, water treatment

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are hereby notified that bids to lease the hunting ORE OR LESS

TION 700' TO PT OF BEG., RUN S 35 DEG. E 200', RUN S 50 DEG. W 25', RUN S 600',

refunded if not the L. The sealed bids submitted L. opened at 5:30 pm at the Attala

# Annual Drinking Water Quality Report McAdams Water Association PWSID # 0040005

May 2020

We're pleased to present to you this you's Annual Water Quality Report. This report is designed to inform you about the quality water and survices we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We wanty out to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source consists of 2 wells that draw from the Meridian Upper Wilcox Aquifer.

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	MCL Likely Source of Contamoration		Ducharge of drilling warter; discharge from metal refluction; received in canutal deposits	1 (100 Discharge from steel and pulp mills; crosson of natural deposits	AL*13 Corrollon of household plumble system; erosion of notural deposits; leaching from wood greteryalves		Want additive trad to courted microbes	RO Dy-product of disjoing water, chlorimetics		250000 Road salt, water treatment
SULTS	Versurement MCLO		Ppm	Ppb 100	E) mód		libm H	0 edd		g 941
TEST RESULTS	National Detects of a ref Sampled Electeding MCLANCE		No Range	No Kunge	N.	52	651 01 5170	No Bange	No. of Concession, Name of Street, or other Persons and Persons an	Na Kange
	Level	TANKL	61800	- 13	10	-Product	1.60,	90'1		13000
	Date	51	ZDIK	2018*	12,31(19	ectant By	61/1621	\$100	nants	2019
	V.V.	minimut	z	×.	2	& Disinf	z	z	Contami	z
	Contembasel	Inorganic Contaminants	10. Banum	13, Caromium	14 Cupper	Disinfectants & Disinfectant By-Products	Chlorme (ss CL)	73, TTRIM [Total tribulomethanes]	Unregulated t	Sodium N 2019

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